Form PTC-1449 U.S. DEPART! OF COMMERCE PATENT AN ADEMARK OFFICE			CON/BRE0004 SERIAL NO			IO. 09/965,681		
INFORMA	TION DISCLOSURE	STATEMENT	APPLICANT Eklund et al.					
			FILING DATE	GRO	UP			
(Ese several sheets if necessary)			9/27/01					
			<u> </u>					
JAN 1 8 2	ORY (F)	U.S. PATE	NT DOCUMENTS					
AGNER NAV.	CUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATI IF APPROPRIAT		
	3,850,168	11/26/74	Ferguson et al.	128	146.7	7		
	5,058,600	10/22/91	Schechter et al.	128	716			
	5,092,343	3/3/92	Spitzer et al.	128	733			
<u>'</u>	5,134,995	8/4/92	Gruenke et al.	128	204.23			
	5,146,918	9/15/92	Kallok et al.	128	419 G			
	5,251,626	10/12/93	Nikolls et al.	607	14			
· ·) 	5,309,921	5/10/94	Kisner et al.	128	719			
- 	5,458,137	10/17/95	Axe et al.	128	204.23			
/	5,503,161	4/2/96	Van Den Heuvel	128	773			
/ 	5,584,291	12/17/96	Vapola et al.	128	630			
	5,953,713	9/14/99	Behbehani et al.	706	16			
11/5		FOREIGN PA	TENT DOCUMENTS					
ų.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATIO YES NO		
M	WO 00/19895	4/13/00	PCT	A61B	5/08			
				1				
	OTHER (Includina Author.	Title, Date, Pertinent Pages, Etc	c.)	•			
40	·	_	N, AND CYBERNETICS-PART B: CY		S vol. 27. no.	1. February		
	1997, Quen-Zong Wu e	et al.: "On-Line Signa	ture Verification Using LPC Cepstru	m and Neura	al Networks,"	abstract		
אוני	IEEE TRANSACTIONS	ON BIOMEDICAL E	NGINEERING, Volume 45, No. 11, I	November 19	98, J. Bock e	et al.,		
			Signals in Sleep Apnea," abstract	1004 1555	- 000 000			
	Neural Network Based	Multi Sensor Heart S	Sound Analysis, Barschdorff, et al., 1	1991 IEEE, ¢	p. 303-306			
im			Masters Thesis by Francisco Javier L	opez, prese	nted to the F	aculty of th		
1114	Graduate School of Th		s at Arington Finnish and Japanese," Proc IEEE I	CASSP, NY	, NY 1988			
		`	Experiments Using Artificial Neural N			NV NV		
MI	Veung et al., 'Some Ph	lonetic Recognition E	Experiments using Artificial Neural N	els, P100 IE	LE IUASSP,	141,141		
/ 1 4								
KAMINER	1/2 // //		DATE CONSIDERED	6/12				

Form PTO-1449	U.S. DEPART	CASE NO. CON/BRE0004			SERIAL NO. 09/965,681				
INFORMATI	ON DISCLOSURE	APPLICANT Eklund et al.							
	several sheets if neces		FILING DATE 9/27/01		GROUP 2818				
8 2003	n n	U.S. PATEN	IT DOCUMENTS						
EXAMINE AM	DOCUMENT NUMBER	DATE	NAME	CL	ASS	SUBCLASS	FILING II APPROI	DATE	
TO MOST	7			-					
								$\overline{}$	
				1					
4				-					
				+					

								\rightarrow	
		FOREIGN PAT	TENT DOCUMENTS						
"	DOCUMENT NUMBER	DATE	COUNTRY	CL	ASS	SUBCLASS	TRANS YES	LATION NO	
					_				
								\square	
	OTHER	(Including Author, T	Title, Date, Pertinent Pages, Etc	 c.)		•			
uMO +	P. Brauer, "Infrastruct	ure in Kohonen Maps,	" Proc. IEEE ICASSP, Glasgow, So	cotland	, 1989	9 V	<u></u>		
	P. Knagenhjelm, "A R	ecursive Design Metho	od for Robust Vector Quantization,"	Proc.	ICSPA	AT, Boston, M	IA 199	2,/	
								4	

	100				_				
EXAMINER /			DATE CONSIDERED						
/ /u	New 2	4	8/2	6/(7)			
EXAM	INER: Initial if reference consi	dered, whether or not citati	ion is in conformance with MPEP 609. Di	raw line to applic	through	h citation if not in	n		

J.S. Department of Commerce, Patent and Trademark Office					Docket No.		Serial No.			
(PTO Form 1449 modified)						*	09/965,681			
LIST OF PATENTS AND PUBLICATIONS CITED BY A PALICARIT						CON/BRE0004				
						Applicant Confirmation No.: Eklund et al. 2907				
(Use several sheets if necessary) FEB 2 0 2002 🙀						Filing Date		ľ		
		Examiner Not as	ssigned 📆	COBY	9/27/01 2818					
U.S. Patent Documents Examiner Not assigned Paper 9/27/01 2818										
*Examiner Initial		Document Number	Issue Date	Applicant(s)	Class	Subclass	Filing Date If Appropriate			
	A1									
	ZZ/					<u> </u>				
·	A3									
	A4						,			
	A5									
	A6									
	Α7									
	A8									
	A9									
	A10									
	A11									
	A42									
	A13									
Foreign Pate	nt Do	cuments								
*Examiner		Document	Date	Country	Class	Subclass	Translat			
Initial		Number					YES	NO		
MAR	B1	WO 0100264 A1	1/4/01	PCT	A61M	16/00				
	B2	•								
	В3									
	B4									
	₽5									
OPHER ART										
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.								
MANU	C1	WU, Quen-Zong et al.: "On-line Signature Verification Using LPCC Cepstrum and Neural Networks." IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS-PART B: CYBERNETICS, February 1997, Vol. 27, No. 1, abstract								
MARC	C2	BOCK, Joel et al.: "toward Prediction of Physiological State Signals in Sleep Apnea." IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, November 1998, Vol. 45, No. 11, abstract								
	СЗ	11110								
Examiner Date Considered 8/26/03										

- t : 2			:	100	<u> </u>		Sheet 1 of 1 she	et(s)	
U.S. Department of Commerce, Pater and Trademark Office							Serial No.		
(PTO Form 1449 modified)						0004	09/965,681		
LIST OF PAT	TENTS	S AND PUBLICATION	Applicant Eklund et a	al.	Confirmation No.: 2907				
(Use several	sheet	s if necessary)	- / -	FD 0 3 2003	Filing Date		Group		
		Examiner / Not as	ssigned 📜	B 0 3 2003 💟	9/27/01		2818		
U.S. Patent Documents Examiner Document Issue Applicant(s) Class Subclass Filing Date If									
Examiner Initial		Document Number	Issue Applicant(s) Date Name		Class	Subclass	Filing Date If Appropriate		
	Ž								
	A2						- A		
	А3								
	A4						1111		
	A5						\$11.2		
	A6						ED P		
· · · · · · · · ·	A7			\times			2 8 0 0		
	A8						•		
	A9			R	Cr.				
	A10					7			
	A11_			TECH	0 2003				
	A12			- OHNOLO	9 2003 GY CENTER R3;				
	A13				ER R3;	00			
Foreign Pate	ent Do	cuments	L	 					
*Examiner		Document	Date	Country	Class	Subclass	Translation		
Initial		Number					YES N	0	
appe	B1	EP 1 005 829 A1	07.06.2000	EP V	A61B	5/087			
	B2								
	ВЗ								
	_B4								
	B5							5	
OTHER ART				,					
*Examiner Initial		Including Author, Title	e, Date, Pertine	ent Pages, Etc.					
	C 1					- - - -			
	C2	<u> </u>							
	C3/	1001	1		··		1 /		
Examiner	Date Considered 8/26/53								